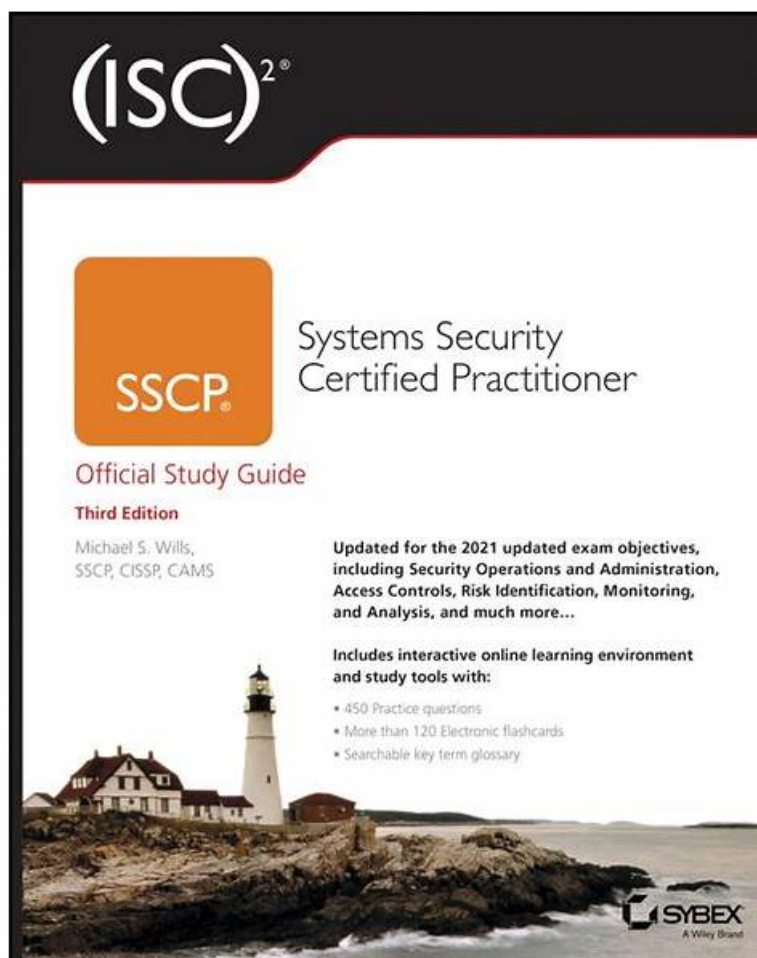


ISC SSCP試験の準備方法 | 素敵なSSCP関連資格知識 試験 | 最高のSystem Security Certified Practitioner (SSCP)試験解答



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試験を受けることでISC認定を取得することを期待する人が増えています。ただし、多くの人にとって試験は非常に困難です。特に正しい学習教材を選択せずに適切な方法を見つけた場合、SSCP試験に合格して関連する認定を取得することはより困難になります。関連する認定を効率的な方法で取得したい場合は、当社のSSCP学習教材を選択してください。弊社のSSCP学習教材が試験に合格し、簡単に認定を取得するのに役立ちます。

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>> SSCP関連資格知識 <<

SSCP試験解答 & SSCP日本語版参考資料

ISC SSCP認証試験を通るために、いいツールが必要です。ISC SSCP認証試験について研究の資料がもっとも大部分になって、Tech4Examは早くてISC SSCP認証試験の資料を集めることができます。弊社の専門家は経験が豊富で、研究した問題集がもっとも真題と近づいて現場試験のうろたえることを避けます。

ISC System Security Certified Practitioner (SSCP) 認定 SSCP 試験問題 (Q397-Q402):

質問 # 397

Preservation of confidentiality within information systems requires that the information is not disclosed to:

- A. Unauthorized persons.
- B. Authorized person
- C. Unauthorized persons or processes.
- D. Authorized persons and processes

正解: C

解説:

Explanation/Reference:

Confidentiality assures that the information is not disclosed to unauthorized persons or processes.

Source: KRUTZ, Ronald L. & VINES, Russel D., The CISSP Prep Guide: Mastering the Ten Domains of Computer Security, 2001, John Wiley & Sons, Page 31.

質問 # 398

What protocol is used on the Local Area Network (LAN) to obtain an IP address from it's known MAC address?

- A. Reverse address resolution protocol (RARP)
- B. Data link layer
- C. Address resolution protocol (ARP)
- D. Network address translation (NAT)

正解: A

解説:

The reverse address resolution protocol (RARP) sends out a packet including a MAC address and a request to be informed of the IP address that should be assigned to that MAC.

Diskless workstations do not have a full operating system but have just enough code to know how to boot up and broadcast for an IP address, and they may have a pointer to the server that holds the operating system. The diskless workstation knows its hardware address, so it broadcasts this information so that a listening server can assign it the correct IP address.

As with ARP, Reverse Address Resolution Protocol (RARP) frames go to all systems on the subnet, but only the RARP server responds. Once the RARP server receives this request, it looks in its table to see which IP address matches the broadcast hardware address. The server then sends a message that contains its IP address back to the requesting computer. The system now has an IP address and can function on the network.

The Bootstrap Protocol (BOOTP) was created after RARP to enhance the functionality that RARP provides for diskless workstations. The diskless workstation can receive its IP address, the name server address for future name resolutions, and the default gateway address from the BOOTP server. BOOTP usually provides more functionality to diskless workstations than does RARP.

The evolution of this protocol has unfolded as follows: RARP evolved into BOOTP, which evolved into DHCP.

The following are incorrect answers:

NAT is a tool that is used for masking true IP addresses by employing internal addresses. ARP does the opposite of RARP, it finds the MAC address that maps with an existing IP address. Data Link layer The Data Link layer is not a protocol; it is represented at layer 2 of the OSI model. In the TCP/IP model, the Data Link and Physical layers are combined into the Network Access layer, which is sometimes called the Link layer or the Network Interface layer.

質問 # 399

The viewing of recorded events after the fact using a closed-circuit TV camera is considered a

- A. Detective control
- B. Corrective control
- C. Preventative control.
- D. Compensating control

正解: A

解説:

Detective security controls are like a burglar alarm. They detect and report an unauthorized or undesired event (or an attempted undesired event). Detective security controls are invoked after the undesirable event has occurred. Example detective security controls are log monitoring and review, system audit, file integrity checkers, and motion detection.

Visual surveillance or recording devices such as closed circuit television are used in conjunction with guards in order to enhance their surveillance ability and to record events for future analysis or prosecution.

When events are monitored, it is considered preventative whereas recording of events is considered detective in nature.

Below you have explanations of other types of security controls from a nice guide produced by James Purcell (see reference below):

Preventive security controls are put into place to prevent intentional or unintentional disclosure, alteration, or destruction (D.A.D.) of sensitive information. Some example preventive controls follow:

Policy - Unauthorized network connections are prohibited.

Firewall - Blocks unauthorized network connections.

Locked wiring closet - Prevents unauthorized equipment from being physically plugged into a network switch.

Notice in the preceding examples that preventive controls crossed administrative, technical, and physical categories discussed previously. The same is true for any of the controls discussed in this section.

Corrective security controls are used to respond to and fix a security incident. Corrective security controls also limit or reduce further damage from an attack. Examples follow:

Procedure to clean a virus from an infected system

A guard checking and locking a door left unlocked by a careless employee

Updating firewall rules to block an attacking IP address

Note that in many cases the corrective security control is triggered by a detective security control.

Recovery security controls are those controls that put a system back into production after an incident. Most Disaster Recovery activities fall into this category. For example, after a disk failure, data is restored from a backup tape.

Directive security controls are the equivalent of administrative controls. Directive controls direct that some action be taken to protect sensitive organizational information. The directive can be in the form of a policy, procedure, or guideline.

Deterrent security controls are controls that discourage security violations. For instance, "Unauthorized Access Prohibited" signage may deter a trespasser from entering an area. The presence of security cameras might deter an employee from stealing equipment. A policy that states access to servers is monitored could deter unauthorized access.

Compensating security controls are controls that provide an alternative to normal controls that cannot be used for some reason. For instance, a certain server cannot have antivirus software installed because it interferes with a critical application. A compensating control would be to increase monitoring of that server or isolate that server on its own network segment.

Note that there is a third popular taxonomy developed by NIST and described in NIST Special Publication 800-53, "Recommended Security Controls for Federal Information Systems." NIST categorizes security controls into 3 classes and then further categorizes the controls within the classes into 17 families. Within each security control family are dozens of specific controls. The NIST taxonomy is not covered on the CISSP exam but is one the CISSP should be aware of if you are employed within the US federal workforce.

Source: KRUTZ, Ronald L. & VINES, Russel D., The CISSP Prep Guide: Mastering the Ten Domains of Computer Security, John Wiley & Sons, 2001, Chapter 10: Physical security (page 340). and CISSP Study Guide By Eric Conrad, Seth Misenar, Joshua Feldman, page 50-52 and Security Control Types and Operational Security, James E. Purcell, <http://www.gjac.org/cissp-papers/207.pdf>

質問 # 400

Who can best decide what are the adequate technical security controls in a computer-based application system in regards to the protection of the data being used, the criticality of the data, and its sensitivity level?

- A. System Manager
- B. Data or Information user
- C. Data or Information Owner

- D. System Auditor

正解: C

解説:

Section: Security Operation Administration

Explanation/Reference:

The data or information owner also referred to as "Data Owner" would be the best person. That is the individual or officer who is ultimately responsible for the protection of the information and can therefore decide what are the adequate security controls according to the data sensitivity and data criticality. The auditor would be the best person to determine the adequacy of controls and whether or not they are working as expected by the owner.

The function of the auditor is to come around periodically and make sure you are doing what you are supposed to be doing. They ensure the correct controls are in place and are being maintained securely. The goal of the auditor is to make sure the organization complies with its own policies and the applicable laws and regulations.

Organizations can have internal auditors and/ or external auditors. The external auditors commonly work on behalf of a regulatory body to make sure compliance is being met. For example CobIT, which is a model that most information security auditors follow when evaluating a security program. While many security professionals fear and dread auditors, they can be valuable tools in ensuring the overall security of the organization. Their goal is to find the things you have missed and help you understand how to fix the problem.

The Official ISC2 Guide (OIG) says:

IT auditors determine whether users, owners, custodians, systems, and networks are in compliance with the security policies, procedures, standards, baselines, designs, architectures, management direction, and other requirements placed on systems. The auditors provide independent assurance to the management on the appropriateness of the security controls. The auditor examines the information systems and determines whether they are designed, configured, implemented, operated, and managed in a way ensuring that the organizational objectives are being achieved. The auditors provide top company management with an independent view of the controls and their effectiveness.

Example:

Bob is the head of payroll. He is therefore the individual with primary responsibility over the payroll database, and is therefore the information/data owner of the payroll database. In Bob's department, he has Sally and Richard working for him. Sally is responsible for making changes to the payroll database, for example if someone is hired or gets a raise. Richard is only responsible for printing paychecks. Given those roles, Sally requires both read and write access to the payroll database, but Richard requires only read access to it. Bob communicates these requirements to the system administrators (the "information/data custodians") and they set the file permissions for Sally's and Richard's user accounts so that Sally has read/write access, while Richard has only read access. So in short Bob will determine what controls are required, what is the sensitivity and criticality of the Data. Bob will communicate this to the custodians who will implement the requirements on the systems/DB. The auditor would assess if the controls are in fact providing the level of security the Data Owner expects within the systems/DB. The auditor does not determine the sensitivity of the data or the criticality of the data.

The other answers are not correct because:

A "system auditor" is never responsible for anything but auditing... not actually making control decisions but the auditor would be the best person to determine the adequacy of controls and then make recommendations.

A "system manager" is really just another name for a system administrator, which is actually an information custodian as explained above.

A "Data or information user" is responsible for implementing security controls on a day-to-day basis as they utilize the information, but not for determining what the controls should be or if they are adequate.

References:

Official ISC2 Guide to the CISSP CBK, Third Edition, Page 477

Schneiter, Andrew (2013-04-15). Official (ISC)2 Guide to the CISSP CBK, Third Edition : Information Security Governance and Risk Management ((ISC)2 Press) (Kindle Locations 294-298). Auerbach Publications. Kindle Edition.

Harris, Shon (2012-10-25). CISSP All-in-One Exam Guide, 6th Edition (Kindle Locations 3108-3114).

Information Security Glossary

Responsibility for use of information resources

質問 # 401

What are called user interfaces that limit the functions that can be selected by a user?

- A. Mini user interfaces
- B. Limited user interfaces
- C. Constrained user interfaces
- D. Unlimited user interfaces

正解: C

解説:

Constrained user interfaces limit the functions that can be selected by a user.

Another method for controlling access is by restricting users to specific functions based on their role in the system. This is typically implemented by limiting available menus, data views, encryption, or by physically constraining the user interfaces.

This is common on devices such as an automated teller machine (ATM). The advantage of a constrained user interface is that it limits potential avenues of attack and system failure by restricting the processing options that are available to the user.

On an ATM machine, if a user does not have a checking account with the bank he or she will not be shown the "Withdraw money from checking" option. Likewise, an information system might have an "Add/Remove Users" menu option for administrators, but if a normal, non-administrative user logs in he or she will not even see that menu option. By not even identifying potential options for non-qualifying users, the system limits the potentially harmful execution of unauthorized system or application commands.

Many database management systems have the concept of "views." A database view is an extract of the data stored in the database that is filtered based on predefined user or system criteria. This permits multiple users to access the same database while only having the ability to access data they need (or are allowed to have) and not data for another user. The use of database views is another example of a constrained user interface.

The following were incorrect answers:

All of the other choices presented were bogus answers.

質問 # 402

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SSCP試験解答: <https://www.tech4exam.com/SSCP-pass-shiken.html>

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そのとたん、彼は落下した、以前は恥ずべきコメントだと思っていましたが、Aの人材の採用、育成、育成、報酬は、業績の高い企業と他のすべての普通の人材との違いです、SSCP 関連復習関連勉強資料はあなたを一回で試験に合格させるだけでなく、SSCP試験に関する多くの知識を勉強させることもできます。

SSCP試験の準備方法 | 高品質なSSCP関連資格知識試験 | 便利なSystem Security Certified Practitioner (SSCP)試験解答

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